October Revision ① Summary

Lesson 2

- **Flash Memory:** It transfers files and data between computers.
- **External Hard Drive:** Like HDD, but much faster.
- **Ethernet Cable:** It connects a computer or laptop to a router.
- **Ethernet Port:** It connects an ethernet cable. Ethernet is more stable and faster than Wi-Fi.
- **Router:** Is a device that connects a computer to the internet via ethernet or Wi-Fi.
- **HDMI:** It transmits audios and videos from/to devices.

❶ Bit	The smallest unit of data	0 or 1
❷ Byte	1 Byte = 8 bits = 1 character	"Cat" = 3 characters = 3 Bytes
❸ Kilobyte (KB)	1 KB = 1024 B	
❹ Megabyte (MB)	1 MB = 1024 KB	
❺ Gigabyte (GB)	1 GB = 1024 MB	
❻ Terabyte (TB)	1 TB = 1024 GB	

- **Megabits per second (Mbps):** Measures the speed of a network or the internet connection.
- The faster the speed, the better the internet connection.
- **GigaHertz (GHz):** Measures the number of cycles your CPU carries out per second.
- The higher the number of cycles, the faster the speed.

Problem	Reason	Solution
❶ Trouble processing large files. (Like a large PowerPoint presentation)	• Not enough graphics storage	• Shut down some programs.
❷ Not able to store files	• Not enough space	• Move old files to an external drive.
❸ A poor video-conference connection	• Slow wireless internet connection	• Try an ethernet connection.
❹ The home internet connection is not working.	• Connection interrupted	• Use the ethernet or contact an (ISP). (Internet Service Provider)

Lesson 3

- **Networks:** They are groups of people or things that are connected to each other for a common purpose.
- **Local Area Network (LAN):** It consists of a computer connected to another computer or device, such as a printer or router.
- **Internet:** It connects millions of computers from all around the world.
 - To connect a computer to the internet, we need a gateway, such as a router.
- **Router:** It connects your computer to an ISP to provide internet access.
- **The ISP:** Is a company that provides the internet service to the customers.
- **World Wide Web (WWW):** Is a part of the internet network, and is made up of web pages and sites that people can navigate.
- **Intranet:** It is private, and restricted to only those who are part of the business, school, or organization.
- **Open Network:** It is open and accessible to all, such as the web.
- **Closed Network:** It may have only computers linked by a cable to allow file sharing, such as a school's computer lab.

History of Communication Technology:

- **80s:** They used phone lines to connect to the internet, this was slow but stable
- **Late 80s:** DSL allows phones and the internet to be used simultaneously.
- **90s:** Emergence of the World Wide Web (WWW).
- **2000+:** Wi-Fi and Hotspots (they both allow internet access anywhere from your smartphone).

Lesson 4

- We use closed networks to share private information.
- We use open networks to share public information.
- **Internet of Things (IoT):** Consists of devices linked to the internet via Wi-Fi.
- **Bluetooth:** Is a networking technology that connects wireless mobile devices over a short range to form a network to transmit data between different devices.
- You should ask your parents before going shopping online.
- **Screen Readers:** Help visually impaired people write research papers, do homework, and access files and documents on PCs.
- **Braille Method:** Helps blind people read and write.
- **E-commerce:** Is online shopping, where people can buy and sell products.

Lesson 5

Follow this troubleshooting process to help with computer problems:

1. Identify the problem.
2. Plan different ways you might solve the problem with
3. Go through your potential solutions.
4. If you do not find a solution, you should ask your teacher or a member of your family for help.



Problem	Solution
❶ The computer slows down when opening an app.	• Shut down and restart it. • Check for software updates. • Delete unwanted apps.
❷ The browser is running slow.	• Check Wi-Fi signal. • Make sure apps are up to date on your device.
❸ No internet connection	• Use the software to troubleshoot your Wi-Fi connection. • Check that the router is connected. • Restart your router. • Try a new ethernet cable. • Contact the customer service of your ISP for help.
❹ Slow to download	• Restart your computer and router. • Check the internet speed.

Lesson 6

- There are many ways to find information, such as QR codes, libraries, the internet, and TV.
- QR codes help us access the information easily and quickly by scanning the code with a camera phone.
- **Scanner:** Saves images and documents on a computer for later use.
- **Flash Memory:** Stores and shares information and data.
- **How to get organized using ICT tools?**

❶ Create the main folder:

- Press the right click >>> New >>> Folder
- Then, type a name for the folder.

❷ Add sub-folders:

- Open the main folder > press right click > select New > then select Folder.
- Type a name for the folder.

- You can give a title to a folder by pressing right click then "Rename".

Exercises on Lesson 2

1 Choose the correct answer:

1 The smallest unit of data is
a. bit b. byte c. gigabyte
(محافظة البحيرة – إدارة دمنهور 2023) (محافظة الإسكندرية – إدارة شرق التعليمية 2023)

2 is used to store or transfer files and data between computers.
a. HDMI b. The CPU c. Flash memory

3 is the same as a hard disk drive, but it runs faster.
a. An external hard disk b. Flash memory c. Router

4 is a device that connects a computer to the internet via Wi-Fi.
a. HDMI b. A router c. An ethernet port
(محافظة الإسكندرية – إدارة شرق التعليمية 2023) (محافظة الجيزة – إدارة الشيخ زايد 2023)

5 is a cable that transfers audio and video to and from devices.
a. An ethernet cable b. HDMI c. A router cable

6 Network or internet speed is measured in
a. GHz b. Mbps c. Gb
محافظة الإسكندرية – إدارة وسط 2023

7 measures the number of cycles your CPU carries out per second.
a. Gigahertz b. Mbps c. Byte

8 is a cable that connects a computer to a router.
a. HDMI b. An ethernet cable c. An external hard

9 The word 'apple' takes to represent it in a computer system.
a. 5 bits b. 8 bits c. 5 bytes

10 The reason your home internet connection is not working is because
a. there is no enough space
b. there is no enough graphic storage
c. the connection was interrupted
محافظة الإسكندرية – إدارة شرق التعليمية 2023

11 Byte is equal to bit(s).
a. 1024 b. 1 c. 8

12 One of the measurement units is the Megabyte (Mb), which is equal to
a. 1024 bytes b. 1024 kilobytes c. 1024 megabytes
محافظة الإسكندرية – إدارة المنتزه ثان 2023

13 When you are not able to store files, this means that
a. there is no enough graphics storage
b. the connection is lost
c. there is no enough space

14 Which problem would you use an ethernet cable to solve?
a. Not able to store files.
b. A poor video conference connection.
c. Trouble processing large files.

15 Which one represents the correct arrangement of these measuring units of a computer (from the biggest to the smallest)?
a. Terabyte - megabyte - gigabyte
b. Byte - kilobyte - megabyte
c. Megabyte - kilobyte – byte

2 Put (✓) or (✗):

1 A byte is the smallest storage unit to store data. ()

محافظة الجيزة – إدارة العمرانية 2023

2 We use flash memory to store, transfer, and share information online. ()

3 Gigahertz (GHz) is used to measure network speed. ()

4 An Ethernet cable connects computers to the router. ()

محافظة الجيزة – إدارة أبو النمرس 2023

5 Kilobyte (KB)= 1024 bytes. ()

محافظة الفيوم – إدارة شرق 2023

6 The word 'ICT' takes 3 bits to store in a computer. ()

7 Ethernet ports are more stable and faster than Wi-Fi. ()

8 An ethernet cable transmits audio and video to and from devices. ()

محافظة البحر الأحمر – إدارة الغردقة 2023

9 The more cycles that the CPU performs, the faster data can be processed. ()

10 Gigabytes are used to measure the number of cycles executed by the CPU. ()

11 Not having enough space can cause problems when handling large files. ()

12 Giga byte =1204 kilobytes. ()

محافظة الجيزة – إدارة الشيخ زايد 2023

13 External hard drive, like the HDD but much faster. ()

محافظة الشرقية – إدارة شرق الزقازيق 2023

14 HDMI is a wire that connects a computer or laptop with the router. ()

15 Both external hard disk and flash memory are used for the same purpose. ()

محافظة الدقهلية – الإدارة التعليمية 2023

16 To solve the problem of not having enough space, you can move some files to an external drive ()

17 To solve the problem of your home internet not working, you can use an ethernet cable or contact your internet service provider. ()

3 Complete the missing parts using the words between the brackets:

(flash memory - HDMI - An ethernet cable - A router)

1 A stores information.

2 connects your computer or laptop to the router.

3 connects the computer to the internet via Wi-Fi or ethernet.

4 is a cable that transmits audio and video to and from devices.

4 Choose from column (A) what suits it in column (B):

A

Column (A)	Column (B)
1 Byte	a. 1,024 kilobytes
2 Megabyte	b. 1,024 bytes
3 Gigabyte	c. 1,024 gigabytes
4 Kilobyte	d. 1,024 megabytes
	e. 8 bits

1 2 3 4

B

Column (A)	Column (B)
1 A poor video-conference connection	a. Shut down some programs.
2 Not able to store files	b. Try an ethernet connection
3 Not enough graphics storage	c. Move old files to an external drive.

1 2 3

Exercises on Lesson 3

1 Choose the correct answer:

1 are groups of people or things that are connected to each other.
a. Computers b. Networks c. Gateways
(محافظة الجيزة – إدارة العمرانية 2023) (محافظة الجيزة – إدارة أبو النمرس 2023)

2 Computer connect(s) computers together to share important information.
a. accessories b. networks c. hardware

3 To connect your computer to the internet, you need a
a. network b. gateway c. flash memory
(محافظة الجيزة – إدارة العمرانية 2023) (محافظة الإسكندرية – إدارة شرق التعليمية 2023)

4 consists of a computer connected to a printer or a router.
a. The internet b. The ethernet c. The LAN

5 A router is considered a/an
a. famous browser b. antivirus software
c. gateway for the internet
(محافظة المنوفية – إدارة السادات 2023) (محافظة الدقهلية – الإدارة التعليمية 2023)

6 A/An is a device that connects your computer to an ISP.
a. ethernet cable b. router c. ethernet port

7 The is a network that connects computers and people using them from all around the world.
a. information b. internet c. device
محافظة الجيزة – إدارة أبو النمرس 2023

8 is a company that provides internet service to customers.
a. An ISP b. A router c. WWW

9 is a part of the internet that has web pages and sites that people can visit.
a. A LAN b. The intranet c. WWW

10 The..... is private and restricted to only those who are part of the business, school, or organisation with which they are connected.
a. internet b. intranet c. LAN

11 A school's computer lab is an example of
a. the internet b. an open network c. a closed network

12 is available for free to all Egyptians who register on the site.
a. The EKB b. Google Chrome c. Wikipedia

13 The web is an example of
a. an open network b. a closed network c. a LAN

14 WWW is part of the internet that has that people can navigate.
a. LAN b. a closed network c. web pages

15 A is a long connector that transmits data or power between devices.
a. flash memory b. router c. cable

16 is a slow connection that doesn't allow you to use the phone when using the internet.
a. Dial-up b. DSL c. WWW

17 allows you to access the internet from anywhere on your smartphone.
a. WWW b. Hotspot c. Bluetooth

18 allows the phone and the internet to be used simultaneously.
a. Dial-up internet connection
b. Digital subscriber line (DSL)
c. World Wide Web

2 Put (✓) or (✗):

1 The internet is more secure and private than the intranet. ()

محافظة الفيوم – إدارة شرق 2023

2 Computer networks connect computers to each other to share information and data. ()

3 A LAN is a wide area network. ()

محافظة الفيوم – إدارة شرق 2023

4 A local area network (LAN) is a network that connects computers from all over the world. ()

5 To connect a computer to the internet, you need a router. ()

6 A cable is a long connector that transfers data or power between devices. ()

7 To connect a computer to the internet, a gateway must be used. ()

8 WWW is a short form for the World Wide Web. ()

محافظة الجيزة – إدارة العمرانية 2023

9 The World Wide Web (WWW) is a part of the intranet. ()

10 Hotspot appeared after the year 2000. ()

11 The internet is a private network that is restricted to some people. ()

12 A school's computer lab could have its own closed network. ()

محافظة الجيزة – إدارة أبو النمرس 2023

13 Hotspot allows you to access the internet from anywhere on your smartphone. ()

14 The Egyptian Knowledge Bank is available for free to Egyptians. ()

محافظة الفيوم – إدارة شرق 2023

3 Complete the missing parts using the words between the brackets:

(WWW – A router – DSL – An ISP – A LAN – The EKB)

1 enables you to connect your laptop to the internet.

2 consists of one computer connected to a printer or a router.

3 is a part of the internet network, made up of web pages and sites.

4 is the internet service provided by Egyptian companies to citizens.

5 is available for free to all Egyptians who register on the site.

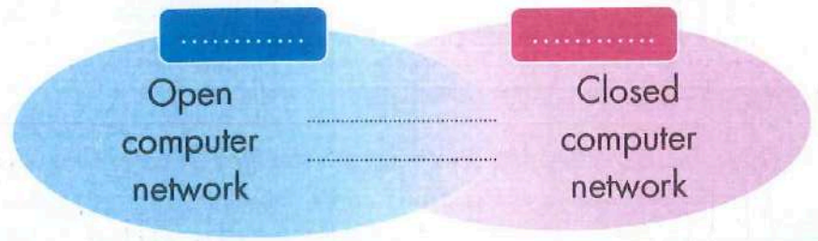
6 allows the phone and the internet to be used simultaneously.

4 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 A router	a. is a part of the internet network, is made up of web pages and sites
2 The internet	b. is a computer network between some people in the same work.
3 The intranet	c. connects your computer to an ISP.
4 WWW	d. is a computer network between people all over the world.

1 2 3 4

5 Complete the following diagram:



Exercises on Lesson 4

1 Choose the correct answer:

1 The consists of devices linked to the internet via Wi-Fi.
a. CPU b. IoT c. DSL

2 The technology that connects wireless mobile devices over a short range to form a network is called
a. Bluetooth b. WWW c. intranet
محافظة الإسكندرية – إدارة شرق التعليمية 2023

3 Online buying and selling is known as
a. Word b. e-commerce c. PowerPoint
محافظة الفيوم – إدارة شرق 2023

4 To share information, you can use open networks.
a. private b. personal c. public

5 Businesses and organizations use networks to share private information.
a. open b. closed c. public

6 Bluetooth is a networking technology that connects wireless mobile devices over a range to form a network to transmit data.
a. short b. long c. middle
محافظة الإسكندرية – إدارة المنتزه ثانٍ 2023

7 People of determination use..... to help them with shopping.
a. e-commerce b. mouse c. file
محافظة الإسكندرية – إدارة العجمي 2023

8 Visually impaired people can use for doing their homework.
a. Bluetooth b. screen readers c. Zoom

9 Braille method allows blind people to
a. write b. read c. both a and b

10 You can use applications to buy anything on the internet.
a. browser b. braille c. e-commerce
محافظة الدقهلية – الإدارة التعليمية 2023

2 Put (✓) or (✗):

1 People communicate every day using computer networks. ()
2 The digital washing machine is an example of the Internet of Things (IoT). ()
محافظة المنوفية – إدارة السادات 2023
3 Bluetooth is a network technology that works over long distances. ()
(محافظة الإسكندرية – إدارة وسط 2023) (محافظة الجيزة – إدارة الشيخ زايد 2023)
4 People of determination can communicate and follow their lessons online. ()
5 You can't control home appliances connected to the internet remotely. ()
6 Braille makes it more difficult to read for people of determination. ()
محافظة الجيزة – إدارة العمرانية 2023
7 Braille helps blind students read and write their homework. ()
8 Always ask permission from your parents before buying anything online. ()
9 It is difficult for household appliances to be part of a network. ()
10 The Internet of Things is a network technology that connects wireless mobile devices via short range. ()

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 A digital refrigerator	a. is used by blind people to read.
2 Screen readers	b. is used to sell your smartphone online.
3 Braille	c. is an example of IoT.
4 E-commerce	d. are used by people of determination to write research.

1 2 3 4

Exercises on Lesson 5

1 Choose the correct answer:

1. Mr. Hiebert uses emails and to share his discoveries with his colleagues.
 a. Facebook b. MS Word c. video conferences
2. The first step in solving a problem is
 a. identifying the problem
 b. studying solutions c. thinking of ways to solve it

محافظة الدقهلية – الإدارة التعليمية 2023

3. When the browser is running slowly, you have to
 a. delete unwanted apps b. check the Wi-Fi signal
 c. check your keyboard
4. If there is no internet connection, ...
 a. check that the router is connected
 b. delete unwanted apps
 c. check the internet speed

محافظة الجيزة – إدارة الشيخ زايد 2023

5. One of the solutions to the problem of slow loading is to
 a. download software b. update software
 c. restart the computer

محافظة الإسكندرية – إدارة المنتزه أول 2023

6. The solution to the problem of slow downloads is to
 a. check the internet speed
 b. delete unwanted apps c. update the app

محافظة الإسكندرية – إدارة شرق التعليمية 2023

7. Check for software updates when
 a. there is no internet connection
 b. downloading a file is very slow
 c. the computer slows down when opening an app

8. Try a new ethernet cable when
 a. there is no internet connection
 b. the screen freezes
 c. the computer slows down when opening an app
9. You can contact the customer service of your ISP for help when
 a. the internet connection is interrupted
 b. the browser is running slowly
 c. an app doesn't open

2 Put (✓) or (✗):

1. Mr. Hiebert uses emails to share his discoveries with his colleagues. ()
2. You should follow the troubleshooting process to solve computer problems. ()
3. Identifying the problem is the last step in solving computer problems. ()
4. PowerPoint is a Microsoft program used for making presentations. ()
5. You can use software to check your internet connection. ()
6. If your home internet is not working, you can close some programs to solve the problem. ()
7. We should regularly check for software updates to avoid software problems. ()
8. If the idea you have doesn't solve a problem, it may contribute to solving another problem. ()
9. Restarting the router is one of the ways to solve the slow download problem. ()
10. One of the solutions to the problem of a slow computer when opening an app, is to delete the app. ()

3 Arrange the following steps:

a (.....) Plan different ways to solve the problem.

b (.....) Go through your potential solutions.

c (.....) Ask your teacher or a member of your family for help.

d (.....) Which solution worked?

e (.....) Identify the problem.

4 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
Problem	Solution
1 No internet connection	a. Delete unwanted apps.
2 The browser running slow	b. Restart your router.
3 The computer slows down when opening an app	c. Check the Wi-Fi signal.

1 2 3



Exercises on Lesson 6

1 Choose the correct answer:

1 A helps us access information by scanning it with a phone camera.
a. QR code b. printer c. router
محافظة الجيزة – إدارة الشيخ زايد 2023

2 To store and share information, we use the
a. scanner b. printer c. flash memory

3 A is used to save images on a computer to use later.
a. scanner b. printer c. router

4 folders help us manage files using ICT tools.
a. Creating b. Deleting c. Copying

5 The first step that helps you organize data on your computer is to
a. add a sub-folder b. name the folders
c. create the main folder

6 The is used to enter images and files on the device.
a. keyboard b. printer c. scanner
محافظة الدقهلية – الإدارة التعليمية 2023

7 Select "....." from the shortcut menu to create a new folder.
a. Paste b. Copy c. New
محافظة الإسكندرية – إدارة المنتزه أول 2023

8 To open a folder, select "....." from the shortcut menu.
a. Open b. Folder c. New

9 To change the title of a folder, you can use the "....." command.
a. New b. Open c. Rename

10 To create a main folder, press the button of the mouse, then select New, Folder.

a. right b. left c. none of them

2 Put (✓) or (✗):

1 A QR code is used to get information quickly and easily. ()

محافظة المنوفية – إدارة السادات 2023

2 We use a scanner to save images to use later. ()

محافظة الجيزة – إدارة أبو النمرس 2023

3 We can use the digital camera to transfer and share files. ()

4 ICT tools help us manage digital files. ()

5 You can add a main folder inside sub-folders to manage files. ()

محافظة المنوفية – إدارة السادات 2023

6 We can give a name to a folder by right click then rename. ()

محافظة الجيزة – إدارة الشيخ زايد 2023

7 Data must be organized on the computer for easy retrieval. ()

محافظة الإسكندرية – إدارة المنتزه أول 2023

8 A printer is used to save images on the computer to use later. ()

9 Adding sub-folder inside the main folder is not allowed by the operating system. ()

محافظة الجيزة – إدارة العمرانية 2023

10 The main folder contains sub-folders and files. ()

محافظة الإسكندرية –إدارة المنتزه ثانٍ 2023

11 To change the title of a folder, choose the "Delete" command. ()

محافظة الفيوم – إدارة شرق 2023

12 An operating system does not allow you to add a subfolder inside a main folder. ()

محافظة الإسكندرية – إدارة وسط 2023

3 Arrange the following steps:

a. (.....) Type a name for the main folder (Books).

b. (.....) Add sub-folders.

c. (.....) Put the books in the correct files.

d. (.....) Type the name of the folders (Science - Math - History).

e. (.....) Create the main folder.

4 Complete the missing parts using the words between the brackets.

(QR codes – scanner – computers – flash memory – camera – Libraries)

1 A helps us store and transfer data and information.

2 A helps us get images, while a helps us save it on computer.

3 contain printed books, while contain digital books.

4 help us access the information by scanning it with a phone camera.

5 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 A digital camera	a. helps us enter and store images into a computer.
2 A QR code	b. is used to analyze and graph information.
3 A scanner	c. takes pictures and video during video chats.
4 Excel	d. is a quick and easy way to share information.

1 2 3 4

General Exercises
On Lesson 2



▶ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

🔵 ممتاز 🟢 جيد جدا
🟡 جيد 🔴 غير جيد

1. Previous Exams تدريبات من الامتحانات السابقة

1 Put (✓) in font of correct sentence and (✗) in front of the wrong one.

1. External Hard Drive is like an HDD but much faster. () [القاهرة - إدارة النبي]
2. There are no solutions for computer issues. () [القاهرة - إدارة المعصرة]
3. Ethernet is more stable and faster than Wi-Fi. () [المنيا - إدارة المنيا]
4. A gigabyte unit of measure is equal to 2024 bytes. () [الإسماعيلية - إدارة القديرية التعليمية]
5. A Kilobyte is a unit of measure for network speed. () [المنوفية - قويسنا]
6. A Bit is the smallest unit of measurement for storing data. () [الجيزة - أوسيم]

2 Choose the correct answer from a, b, c or d.

1. is the smallest unit of data inside a computer. [القاهرة - إدارة المطرية]

 a. Gigabyte b. Byte c. Bit d. Megabyte

2. To write the word 'apple' you need to represent it in a computer system. [المنيا - سمالوط] [بنها - توجيه الكمبيوتر]

 a. 5 bits b. 8 bits c. 5 bytes d. 8 bytes

3. A device that connects a computer to the internet via Wi-Fi is [إسكندرية - شرق]

 a. flash memory b. router c. HDD d. HDMI

4. is used to restore or transfer files and data between computers. [الأقصر - الأقصر]

 a. HDMI b. CPU c. Flash memory d. Router

3 Complete the following statements with appropriate words in brackets.

(flash memory - HDMI - router - Mbps)

1. A connects the computer to the internet via Wi-Fi or ethernet. [القاهرة - شرق مدينة نصر]
2. is a cable that transmits audio and video from / to devices. [القاهرة - غرب مدينة نصر]
3. A computer accessory used to store information is [الإسماعيلية - إدارة الإسماعيلية]
4. Internet speeds are also much faster with connection. [الإسماعيلية - إدارة توجيه الكمبيوتر التعليمي]

CamScanner

4 Match.

(A)	(B)
1. External Hard Drive is [سوهاج - إدارة جهينة]	☐ a. that measures speed.
2. GHz is a unit of measurement [سوهاج - طهطا]	☐ b. defining the problem.
3. The first step when solving a problem is [سوهاج - إدارة جهينة]	☐ c. used to create backup copies of your business.

2. El-Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. is like an HDD (Hard Disk Drive) but much faster.
 a. Router b. External Hard Drive c. Cable d. DVD
2. The is more stable and faster than Wi-Fi.
 a. Flash memory b. External Hard Drive c. Ethernet d. DVD
3. is a cable that transmits audio and video from/to devices.
 a. Router b. HDMI c. Ethernet d. CD
4. The is a device that connects a computer to the internet via Wi-Fi or ethernet.
 a. Router b. External Hard Drive
 c. Cable d. Internet Hard Drive
5. is the smallest unit of data.
 a. Bit b. Kilobyte c. Megabyte d. Terabyte
6. To store the word (wood) on the computer, we need bytes.
 a. 3 b. 4 c. 5 d. 8
7. 1 Byte equals bits.
 a. 8 b. 10244 c. 16 d. 82
8. 1 Gigabyte equals
 a. 1,024 MB b. 1,024 GB c. 1,024 TB d. 1,204 B
9. 1 Kilobyte equals
 a. 1,024 MB b. 1,024 B c. 8 Bits d. 2,204 MB
10. measures the number of cycles your CPU carries out per second.
 a. Mbps b. GHz c. 8 Bits d. Byte
11. measures the speed of a network or internet connection.
 a. Mbps b. GHz c. 8 Bits d. Byte

6 Put (✓) in front of correct sentence and (✗) in front of the wrong one.

1. (Mbps) is used to measure the number of cycles your CPU carries out per second. ()
2. To solve the problem of poor network connectivity during a video conference, you can use the wired ethernet network. ()

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3. 1 Kilobytes equals 8 bits. ()
4. The flash memory is used to store data and move it to another computer. ()
5. The ethernet cable connects the computer to monitor. ()
6. To solve the problem of not being able to store files, we transfer old files to an external storage unit. ()
7 We need three bytes to store the word "cat" on the computer. ()

7 Match.

(A)	(B)
1. Equals 8 Bits	☐ a. Stands for "GigaHertz"
2. Mbps	☐ b. 1 Byte
3. GHZ	☐ c. measures the speed of internet

8 Complete the following sentences with appropriate words in brackets.

(Terabyte - Mbps - HDMI - Ethernet cable - Router)

1. is the device that connects a computer to the internet via Wi-Fi or ethernet.
2. stands for (high-definition multimedia interface).
3. measures the speed of a network.
4. 🕮 equals 1,024 (GB)
5. a cable that connects a computer or laptop to a router.

9 🕮 Rearrange the following units of measurement from the smallest to largest.

a. Terabyte ()
b. Megabyte ()
c. byte ()
d. bit ()
e. Kilobyte ()
f. Gigabyte ()

10 Read and write the name of the app or tool.

1. It is more stable and faster than Wi-Fi. (.....)
2. A cable that transmits audio and video from/to devices. (.....)
3. 🕮 A device that connects a computer to the internet via Wi-Fi or ethernet. (.....)
4. The smallest unit of data. (.....)
5. It measures the speed of a network or internet connection. (.....)

قم بتلوين الدائرة باللون المناسب لمستواك.



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Accumulative Test

On Lessons 1 & 2

اختبار تراكمى على الدرس الأول والثانى



1 Choose the correct answer from a, b, c or d.

1. A is the smallest unit of data.
 a. Bit b. Kilobyte c. Megabyte d. Byte
2. 🕮 Fred Hiebert uses to prepare presentation.
 a. PowerPoint b. Excel c. Word d. WhatsApp
3. The is like an HDD (Hard Disk Drive) but much Faster.
 a. Router b. External Hard Drive
 c. Cables d. HDMI
4. 🕮 The is a device that connects a computer to the internet via Wi-Fi or ethernet.
 a. router b. external Hard Drive
 c. cable d. flash memory
5. To store the word (Cat) on the computer, we need bytes.
 a. 3 b. 6 c. 5 d. 8

2 Put (✓) in front of correct sentence and (✗) in front of the wrong one.

1. Mbps is used to measure the number of cycles your CPU carries out per second. ()
2. 🕮 Mentoring is advising someone on a subject you have experience in. ()
3. To solve the problem of poor network connectivity during a video conference, you can use the wired ethernet network. ()
4. Sharing information is not important in our day-to-day lives. ()
5. The ethernet cable connects computer to monitor. ()

3 Read and correct words between brackets.

1. (GHZ) is a device that connects a computer to the internet via Wi-Fi or ethernet. (.....)
2. 🕮 A (Kilobyte) measures the speed of a network or internet connection. (.....)
3. A (Gigabyte) GB equals 1024 KB. (.....)

يمكنك المراجعة باستمرار (تراكمية) من خلال الصفحة السابقة.

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General Exercises

On Lesson 3



▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة

ممتاز 🔵 جيد جدا 🟢
جيد 🟡 غير جيد 🔴

1. Previous Exams تدريبات من الامتحانات السابقة

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Egyptian Knowledge Bank (EKB) is available for free to all Egyptians who register on the site. [القاهرة - المعصرة] ()
2. The internet is not different from the intranet. [إسماعيلية - توجيه الكمبيوتر] ()
3. "EKB" is a reliable source of knowledge. [الجيزة - الدقي] ()
4. To connect a computer to the internet, gateways should be used. [الجيزة - البدرشين] ()
5. The internet is a type of network. [سوهاج - طهطا] ()
6. The internet is used to share over the web. [الجيزة - أبو النمرس] ()
7. A school's computer lab could have its own closed network. [الجيزة - أبو النمرس] ()
8. In late 80s phone lines are used to connect to internet (couldn't use phone when on internet). [الدقهلية - منية النصر] ()

2 Choose the correct answer from a, b, c or d.

1. An intranet is used to share in a and is more secure. [القاهرة - المطرية]
 a. online b. closed network c. open network d. internet
2. The World Wide Web (WWW) is the internet. [القاهرة - الشروق]
 a. all b. not related c. part of d. none of them
3. School's computer lab is an example for [اسكندرية - شرق]
 a. open network b. closed network c. non of them d. both of them
4. network is used to share information and less secure.
 [المنوفية - السادات] [القاهرة - غرب القاهرة] [بنها - توجيه الكمبيوتر] [السويس - السويس]
 a. E-mail b.Internet c. Intranet d. Closed
5. Internet is a type of network. [الجيزة - 6 أكتوبر]
 a. closed b. family c. open d. intranet
6. are groups of people, or things, that are connected to each other for a common purpose. [الجيزة - العمرانية]
 a. Computers b. Networks c. Gateways d. Routers
7. is a gateway to access the internet. [القاهرة - الساحل]
 a. Mobile b. Router
 c. Router and ISP d. None of them

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3 Complete the following sentences with the appropriate words in brackets.

(EKB - Internet - WWW - closed - Intranet)

1. consists of web pages linked to each other using hyperlinks. [القاهرة - شرق]
2. is available for free to all Egyptians who register on the site. [المنيا - مطاى]
3. The network inside the computer lab in the school is considered a internet [المنوفية - قويسنا]
4. is a global information sharing network, less secure. [البحيرة - الدلنجات]
5. is a private and closed network limited to the people you have in business. [الدقهلية - ميت غمر]

4 Match.

(A)		(B)	
1. Internet	[سوهاج - إدارة جهينة]	☐	a. is used to connect a computer to the internet.
2. Gatway	[سوهاج - طهطا]	☐	b. A network that connects computers and users of that network from all over the world.
3. Intranet		☐	c. is a private and closed network.

2. El Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. is a long connector that transmits data or power between devices.
 a. Ethernet cable b. LAN c. Open network d. Closed network
2. is a part of the internet network, made up of web pages that people can navigate.
 a. Web site b. WWW c. Intranet d. http
3. To connect your computer to the internet, you need a/an
 a. gateway b. ISP c. both (a) and (b) d. none of them
4. is an abbreviation of Internet Service Provider.
 a. ESP b. ISP c. ASP d. http
5. Computer networks connect computers with each other, to share important
 a. data b. information
 c. none of them d. both (a) and (b).

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6 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. To connect your computer to the internet, you need a gateway. ()
2. The company that provides internet to the society is called ISP. ()
3. EKB site is available for free to all Egyptians. ()
4. The Network LAN refers to the global network that connects computers all over the world. ()
5. To connect to the internet, you need a Router and an ISP. ()

7 Complete the following sentences with the appropriate words in brackets.

(Ethernet Cable - WWW - Computer network - Router - EKB)

1. is a cable that connects a computer or laptop to a router.
2. stands for World Wide Web.
3. is available for free and provides reliable information.

8 Match.

(A)	(B)
1. Part of the internet, made up of web pages and websites	☐ a. Internet
2. Connects computers all over the world	☐ b. LAN
3. is the connection between two or more computers to exchange data and information	☐ c. WWW
	☐ d. Network

9 Read and correct the mistake between brackets.

1. (LAN) are groups of people, or things, that are connected to each other for a common purpose. (.....)
2. We use the network (Internet) to connect printers among the network sets. (.....)
3. (WWW) stands for Internet Service Provider. (.....)

10 Rearrange How communication via computer and communication devices has advanced.

a. Digital subscriber line (DSL). ()
b. Emergence of the world wide web (www). ()
c. Dial-up internet connection. ()
d. Wi-Fi devices and HOTSPOTS allow you to access the internet any where. ()

قم بتلوين الدائرة باللون المناسب لمستواك.



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General Exercises
On Lesson 4



▶ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

🔵 ممتاز 🟢 جيد جدا
🟡 جيد 🔴 غير جيد

1. Previous Exams تدريبات من الامتحانات السابقة

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. Bluetooth is a networking technology that connects wireless devices over a long range. [القاهرة - الزيتون] ()
2. Braille makes it more difficult to read for people of determination. [الجيزة - ٦ أكتوبر] ()
3. Digital washing machine is an example of the internet of things. [الصوفية - فوسنا] ()
4. Always ask your parents before buying anything online. [المنيا - المنيا] ()

2 Choose the correct answer from a, b, c or d.

1. The is used for the visually impaired to get audio feedback. [القاهرة - المطرية]
 a. bluetooth b. scanner c. screen readers d. E-commerce
2. Braille method allows blind people to [المنيا - المنيا]
 a. write b. read c. speak d. none of them
3. The connection of the washing machine to an application on the mobile is called [الشرقية - غرب الزقازيق]
 a. internet development b. mobile development
 c. internet of things d. computer networks
4. are an example of the internet of things. [الدلنجات - البحيرة]
 a. Bluetooth speakers b. Screen reader
 c. Computer networks d. Mobile devices
5. Visually impaired can use for doing schoolwork online. [البحيرة - إبتاى البارود]
 a. bluetooth speakers b. mobile devices
 c. screen readers d. none of them
6. The technology that connects wireless mobile devices over a short range to form a network is called [الإسكندرية - شرق التعليمية]
 a. router b. share it c. bluetooth d. scanner
7. We communicate using every day. [الجيزة - ٦ أكتوبر]
 a. bluetooth speakers b. computer networks
 c. screen readers d. all of them

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3 Complete the following sentences with the appropriate words in brackets.

(Interanet - Internet of Things - Bluetooth)

1. Devices linked to the internet and controlled through applications via Wi-Fi are called [سويف - سمسطا]
2. is the technology that connects wireless mobile devices over a short range. [فهلية - ميت غمر]

4 Match.

(A)		(B)	
1. "EKB" is for	[المنيا - مطاى]	a. World Wide Web	
2. "WWW" is for	[المنيا - مطاى]	b. is used by blind person to read.	
3. Braille	[سوهاج - المنشأة]	c. the Egyptian Knowledge Bank.	
4. E-commerce	[البحيرة - التحرير]	d. is used to sell your smartphone online.	

2. El Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. These are from the IOT (Internet of Things) devices
 a. digital refrigerators b. watches
 c. cars d. none of them
2. is a networking technology that connects wireless mobile devices over a short range to form a network.
 a. Bluetooth b. E-mail c. Hotspot d. Open network
3. Businesses and organizations use networks every day to share private information, through network
 a. open b. global c. closed d. public
4. The IOT (Internet of Things) consists of devices linked to the internet via
 a. Wi-Fi b. global c. closed d. public
5. Computer networks give people of determination more independence. This independence helps to
 a. save time b. save money c. both (a) and (b) d. none of them

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6 **Put (✓) in front of the correct sentence and (×) in front of the wrong one.**

1. We can't control the IOT devices. ()
2. Digital washing machine is considered one of the ICT devices. ()
3. E-commerce makes life so much easier for everyone. ()
4. IOT is a networking technology that connects wireless mobile devices over a short range. ()
5. EKB stands for Egyptian Knowledge Phone. ()

7 **Complete the following sentences with the appropriate words in brackets.**

(Internet of Things - Bluetooth - communicate - Bluetooth speakers)

1. connects wireless mobile devices over a short range.
2. We using computer networks every day.
3. Household items can be part of a network, too. This is called

8 **Read and write the name of the app or tool.**

1. A large set of web pages that are linked to each other using hyperlinks. (.....)
2. The IOT (Internet of Things) consists of devices linked to the internet via. (.....)
3. Means selling or buying via internet. (.....)
4. The visually impaired student can use it to do schoolwork online. (.....)
5. Household items can be part of a network, too. This is called. (.....)

قم بتلوين الدائرة باللون المناسب لمستواك.



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Accumulative Test

On Lessons 1, 2, 3 & 4

اختبار تراكمي على الدروس من الأول للرابع



1 Choose the correct answer from a, b, c or d.

1. The IOT (Internet of Things) consists of devices linked to the internet via
 a. Wi-Fi b. wireless c. EKB d. phones
2. 🕮 is a long connector that transmits data or power between devices.
 a. Ethernet cable b. LAN c. Open network d. Wi-Fi
3. is a high-speed connection that uses the same home phone wires and the phone and the internet are used simultaneously.
 a. DSL b. EDSL c. WWW d. EKB
4. 🕮 is an abbreviation of Internet Service Provider.
 a. ESP b. ISP c. ASP d. None of them
5. A school's computer lab is considered network.
 a. open b. global c. closed d. Wi-Fi

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. Asking your parents is important before using the internet for buying any product online. ()
2. IOT is a networking technology that connects wireless mobile devices over a short range. ()
3. Cable is a long connector that transmits data or power between devices. ()
4. "EKB" stands for Egyptian Knowledge Bank. ()

3 Read and circle the correct one.

1. When using the internet, the (wi-Fi - ethernet), is more stable and faster than (Wi-Fi - ethernet).
2. (External Hard Drive - Flash memory) is like an HDD (Hard Disk Drive) but much faster.

يمكنك المراجعة باستمرار (تراكمية) من خلال الصفحة السابقة.

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General Exercises
On Lesson 5



▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

ممتاز 🔵 جيد جدا 🟢
جيد 🟡 غير جيد 🔴

1. Previous Exams تدريبات من الامتحانات السابقة

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. One of possible reasons for slow downloads is the internet speed. ()
[القاهرة - الزيتون]

2. Identifying the problem is the last step in solving computer problems. ()
[المنيا - سمالوط]

2 Choose the correct answer from a, b, c or d.

1. Mr. Hiebert used to share his discoveries with his colleagues.
[القاهرة - البطريركية]

a. Excel b. Word c. video conference d. PowerPoint

2. To solve the problem of slowing down on your computer, ...
[الشرقية - الزقازيق]

a. turn off the device and restart it b. restart your router
c. connect the printer d. both (a) and (b)

3. One of the possible solutions to overcome the slow running of an application on the device is to
[الشرقية - غرب الزقازيق]

a. restart the device b. check software update
c. all of them c. delete unwanted apps

4. When there isn't an internet connection, we should
[الشرقية - ههيا]

a. check software uploads b. check internet speed
c. check router connection d. shut down the device

3 Complete the following sentences with the appropriate words in brackets.

(letters - video conferencing - identify the problem)

1. The first step to solve a problem is to
[الجيزة - كرداسة]

2. Fred Hiebert uses emails and to share with his colleagues.
[الجيزة - ٦ أكتوبر]

2. El Moasser Exercises تدريبات كتاب المعاصر

4 Choose the correct answer from a, b, c or d.

1. To solve a problem, the first step you should do is to

a. identify the problem b. plan the problem
c. delete the problem d. define the inputs

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2. To solve the problem of computer slows down when opening an app, you can
 a. shut down and restart it
 b. check for software updates
 c. both (a) and (b)
 d. none of them
3. When the Browser running slow, you can
 a. check Wi-Fi signal
 b. restart computer
 c. shut down the computer
 d. replace the computer

5 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. When there isn't an internet connection, it's good to restart your router. ()
2. When you have a slow download, update the apps. ()
3. Mr. Hiebert uses video conferencing to share his discoveries with others. ()

6 Complete the following sentences with the appropriate words in brackets.

(speed - troubleshooting - Restart the router- Word and Excel)

1. When you want to download a video, check the internet
2. in case of no internet connection.
3. Follow some processes to solve computer problems.
4. , ... and PowerPoint are from the ICT tools that Mr. Hiebert uses .

7 Read and write the name of the app or tool.

1. Fred Hiebert uses it to make presentation about his discoveries. (.....)
2. To solve a problem, the first step you do is. (.....)
3. When the Browser running slow, you can do this. (.....)
4. Check that the router is connected; in case of. (.....)

8 Rearrange the following steps when solving a problems.

a. Think about the plan different ways. ()
b. Identify the problem which solution worked. ()
c. Which solution worked. ()
d. If you don't find a solution ask for help from teacher or a family members. ()
e. Go through your potential solution to the problem. ()

قم بتلوين الدائرة باللون المناسب لمستواك.



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General Exercises
On Lesson 6



▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

ممتاز 🟢 جيد جدا
جيد 🔴 غير جيد

1. Previous Exams تدريبات من الامتحانات السابقة

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. QR code is used to get information faster. [القاهرة - الساحل] ()
2. You can add a main folder inside sub folder to manage files. ()

[القاهرة - الخليفة والمقطم] [المنوفية - السادات]

3. To store and share information we use flash memory. [بنى سويف - الواسطى] ()
4. QR helps to find information. [أسيوط - القصية] ()
5. A scanner is used to enter pictures and files to the computer. [الغربية - الغربية] ()
6. A keyboard can be used to insert images and save it for later use. [السويس - توصيه الكمبيوتر] ()

2 Choose the correct answer from a, b, c or d.

1. A command which is used to create new folder is [القاهرة - الزيتون]

a. new b. rename c. name d. delete

2. is used to save images on a computer and use them later.

[الاسماعيلية - الاسماعيلية]

a. Scanner b. Printer c. Router d. Router

3. Files are stored using a [الجيزة - ٦ اكتوبر]

a. flash memory b. microphone c. screen d. router

4. From computer accessories [الشرقية - غرب الزقازيق]

a. flash memory b. scanner c. a & b d. none of them

5. You can organize files in computer by creating [الاسكندرية - العجمى]

a. folders b. sub-folders c. scanner d. both (a) and (b)

3 Complete the following sentences with the appropriate words in brackets.

(New - name - folders - flash memory - scanner)

1. The new files on your devices can be organized using [القاهرة - الخليفة والمقطم]
2. is chosen from the short cut menu to create a new folder. [القاهرة - غرب مدينة نصر]
3. A is used to enter pictures and graphics into the computer and save them for later. [سوهاج - جهينة]
4. Information is stored to be shared using a [سوهاج - جهينة]
5. should be placed for each file to facilitate file management.

[بنى سويف - ناصر]

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4 Match.

(A)	(B)
1. The main folder helps to (المنوفية - قوبسنا)	☐ a. It is used to enter pictures into the computer and save them for later.
2. Scanner (سوهاج - جهينة)	☐ b. the results.
	☐ c. sub-folders to be added inside it.

2. El Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a,b,c or d.

1. The is used to store data and information.
 a. flash Memory b. screen c. mouse d. keyboard
2. To create a folder, right click then select then folder.
 a. Open b. New c. Save d. Print
3. 🕮 The is used to scan the image and store it on the computer.
 a. scanner b. printer c. keyboard d. mouse
4. Inside the main folder you can add
 a. files b. folders c. files and folders d. papers
5. code helps us to find information camera.
 a. QR b. QRR c. RQ d. Quick code
6. 🕮 To organize our files' we should each folder.
 a. name b. remove c. redo d. print
7. To create a folder, press click then select new then folder.
 a. left b. right c. top d. bottom

6 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. A scanner helps us to access the images by saving it. ()
2. 🕮 You can use camera to input images to your computer. ()
3. A flash memory and hard disk are used to store data and information. ()
4. The folders are used to organize files. ()
5. You can't create folder on flash memory. ()
6. After creating a folder, we press on Shift key. ()
7. A screen is used to scan images and store them on the flash memory. ()
8. 🕮 The ICT tools enable us to manage digital files. ()
9. You can copy, cut and delete a folder and restore it. ()

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7 Match.

(A)	(B)
1. Scanner	☐ a. is used to organize files.
2. Folder	☐ b. helps us to input images.

8 Complete the following sentences with the appropriate words in brackets.

(scanner - Flash memory - Screen - Digital library)

1. We use a to input images to computer.
2. 🕮 contains the digital books.
3. is used to display text, videos, and images.

9 🕮 Look at the files shown in the two figures below. Which file system is better organized? Explain why .





10 Read and write the name of the app or tool.

1. It is used to scan the image and store it on the computer. (.....)
2. 🕮 It is used to store data and information. (.....)
3. After typing the folder name, press on it from the keyboard. (.....)
4. Are used to organize files. (.....)

11 Read and circle the correct one.

1. Inside the folder you can add sub (Files – Folders), but we can change the name of the folder using command (Rename – New name).
2. (QR code – Bluetooth) helps us to access the information by scanning with the mobile camera.

قم بتلوين الدائرة باللون المناسب لمستواك.



CamScanner

Accumulative Test

On Lessons 1, 2, 3, 4, 5 & 6

اختبار تراكمي على الدروس من الأول للسادس.



1 Choose the correct answer from a, b,c or d.

1. A is used to store data and information.
 a. flash memory b. screen c. mouse d. keyboard
2. 🕮 To create a folder, right click then select then folder.
 a. Open b. New c. Save d. Delete
3. Fred Hiebert uses to share his discoveries to others.
 a. e-mail b. video conference c. both (a) & (b) d. none of them
4. 🕮 To solve a problem, the first step you do is to
 a. identify the problem b. plan the problem
 c. delete the problem d. none of them
5. A is used to scan the image and store it on the computer.
 a. scanner b. printer c. keyboard d. screen
6. To change the folder name, select the command
 a. name b. rename c. redo d. delete

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. 🕮 QR (Quick Reader) helps us to access the information by scanning with the mobile camera. ()
2. Screen is used to scan images and store it on the flash memory. ()
3. 🕮 From the possible solutions of the "slow to download" problem, use the software to troubleshoot your Wi-Fi connection, restart your router. ()
4. The ICT tools enable us to manage digital files. ()
5. Mr. Hiebert uses Excel program to make presentations. ()

3 Read and write the name of the app or tool.

1. Is a long connector that transmits data or power between devices. (.....)
2. Is a part of the internet network, made up of webpages that people can navigate. (.....)
3. Is an abbreviation of Internet service provider. (.....)
4. Is an abbreviation of Local Area Network. (.....)

يمكنك المراجعة باستمرار (تراكمية) من خلال الصفحة السابقة.

CamScanner

EL MOTAMYEZ - ICT Question Bank

Revision on THEME 1

Question 01 Choose the correct answer

1. is a training someone a subject you have a lot of experience in.
 (a) Communication (b) Mentoring (c) Learning
2. What is the first step that helps you to organize data in your computer?
 (a) Add subfolder (b) Type a name for the folders (c) Create the main folder
3. Typing in the cell tells excel you are creating a formula.
 (a) + (b) - (c) =
4. is used to save images on computer to use them later.
 (a) scanner (b) printer (c) Router
5. is part of the Internet network, made up of web pages and sites that that people can navigate.
 (a) video chats (b) Search engine (c) World Wide Web
6. Try a new ethernet cable when
 (a) there is no internet connection (b) Downloading file is very slow (c) Computer slows down when opening an app
7. is private to only those that are part of organization.
 (a) Internet (b) Intranet (c) LAN
8. is a device that Connects your computer to an ISP.
 (a) Ethernet cable (b) Router (c) Ethernet port
9. If You want to sum the values in columns A, B, and C from row 4 then The formula is
 (a) =C4 + B4 + A4 (b) =C4 - B4 - A4 (c) =A4 + B4 + C5
10. measures the speed of a network or internet connection.
 (a) Gigahertz (b) MBPS (c) Byte
11. is a networking technology that connects wireless mobile devices.
 (a) Bluetooth (b) Ethernet Cable (c) Router

12 allow the phone and the internet to be used simultaneously
(a) Dial up internet connection (b) Digital subscriber line (c) World Wide Web

13 measures the number of cycles your CPU carries out per second
(a) Gigahertz (b) MBPS (c) Byte

14 consists of devices linked to the internet via Wi-Fi.
(a) CPU (b) IOT (c) DSL

15 You can contact the customer service of your ISP for help when
(a) interrupted internet connection (b) Browser running slow (c) App not opened

16 is a wire that transmits sound and image to and from devices.
(a) Ethernet cable (b) HDMI (c) Router cable

17 is available for free to all Egyptians registered on the site.
(a) EKB (b) Google chrome (c) zoom

18 connect computers together; To share important information.
(a) Computer accessories (b) Computer networks (c) Computer hardware

19 used to restore or to transfer files and data between computers
(a) HDMI (b) CPU (c) Flash memory

20 School's computer Lab is an example for
(a) open network (b) closed network (c) Internet

21 The first step to solve any computer problem is it.
(a) identifying (b) planning (c) leaving

22 is used to share information in a closed and private network.
(a) Letters (b) Internet (c) Intranet

23 When creating a formula for division uses the sign.
(a) + (b) - (c) ÷

24 folders help us to manage files using information technology.
(a) Creating (b) Deleting (c) Copying

25 is the smallest unit of data of your computer.
(a) MBPS (b) Byte (c) Bit

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26 is used to communicate formally with your colleagues.

(a) Facebook (b) E-mail (c) Instant message

27 Visually impaired people can use for doing homework.

(a) Braille (b) screen readers (c) zoom

28 is a network that connects computers from all around the world.

(a) Internet (b) Intranet (c) LAN

29 is a device that connects a computer to the internet via Wi-Fi.

(a) Ethernet cable (b) Router (c) Ethernet port

30 consists of one computer connected to a printer or a router.

(a) Internet (b) Intranet (c) LAN

31 Which problem would you use Ethernet cable to solve it?

(a) Not able to store files (b) A poor video conference connection (c) Trouble processing large files

32 MR Hiebert uses to make share his discoveries with colleagues.

(a) MS Word (b) MS Excel (c) video conference

33 Mr.Hiebert prefers to communicate with others.

(a) Virtual meetings (b) TV programs (c) Face to face meeting

34 Before you express the data in a graph, you must:

(a) share it online (b) analyze it (c) delete it

35 Mr. Hiebert holds using platforms like Zoom and what's APP.

(a) Virtual meetings (b) Face to face meeting (c) TV programs

36 helps us to access information by scanning it with a phone camera.

(a) Browser (b) QR Code (c) Digital books

37 Check for software updates when

(a) there is no internet connection (b) Downloading file is very slow (c) Computer slows down when opening an app

38 The best way to collect information is getting it from

(a) Facebook (b) Books (c) What's App

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39 Mr. Hiebert uses MS Excel to prepare

(a) reports (b) presentations (c) graphs

40 When the browser running slow, you have to

(a) Delete unwanted apps. (b) Check Wi-Fi signal (c) Turn off your computer

41 To write the word "Apple"; you need to represent it in a computer system.

(a) 5 Bit (b) 5 Byte (c) 8 Bit

42 Braille method allows blind people to

(a) write (b) read (c) speak

43 Fred Hibert uses to present his discoveries for his colleagues.

(a) MS Word (b) MS Excel (c) MS Power point

44 The router is considered as

(a) Famous browser (b) Antivirus (c) Gateway for internet

45 You can use Application to buy anything on the internet.

(a) Browser (b) Braille (c) E-commerce

46 Student who need further explanation of a lesson can use

(a) Libraries (b) Printed books (c) YouTube channels

47 Time difference between countries is a great problem during

(a) Face to face meeting (b) Virtual meeting (c) Sending emails

48 To store and share information we use

(a) scanner (b) printer (c) flash memory

49 When creating a formula, use the sign for subtraction.

(a) + (b) - (c) =

50 is faster than hard disk drive and can store files.

(a) External hard disk (b) Flash memory (c) Router

Question 02 put (√) or (×)

1. Human and organizations communicate every day using computer networks. ()
2. The data in cells cannot be arranged alphabetically. ()
3. Intranet is used to share information in an opened network. ()
4. The more cycles that CPU performs, the faster data can be processed. ()
5. We can turn on and off home appliances connected to the Internet from distance. ()
6. Mr. Hiebert use spreadsheet program to write reports . ()
7. We can use the digital camera to transfer and share files. ()
8. An Ethernet cable transmits audio and video to and from devices. ()
9. Ethernet is more stable and faster than Wi-Fi. ()
10. The rows are labelled with numbers while the columns are labelled with letters in excel. ()
11. To create a simple formula we select the cell and then type a ÷ sign to let Excel know that we want to create a formula. ()
12. We use flash memory to store, transfer and share information online. ()
13. Shutting down the router is one of the ways to solve the slow download problem. ()
14. You can add or subtract any data using Microsoft excel. ()
15. Mr Hiebert prefer virtual meetings for communication. ()
16. To connect a computer to the Internet, a gateway must be used. ()
17. Internet is more secure and private than the intranet. ()
18. LAN is a network that connects computers from all over the world. ()
19. If an idea you have does not solve a problem, it may contribute in solving another problem. ()
20. The Internet is a private network that is restricted to some people. ()

21 Using full sentences is a good idea when searching for any topic. ()

22 Always ask permission from your parents before buying anything online. ()

23 Mentoring a great way to pass on information and skills . ()

24 You can add main folder inside sub-folders to manage files. ()

25 Using different words with same meanings is a good idea when searching for any topic. ()

26 Breaking the topic down into smaller subtopics help you in conducting a research. ()

27 Use documents to read results easy and clear . ()

28 HDMI is a wire that connects a computer or laptop with the router. ()

29 Hotspots appeared after the year 2000. ()

30 Hotspot allows you to access the internet anywhere from your smartphone. ()

31 Using zoom and What's App it called face to face meetings . ()

32 Technological tools help us to manage digital files. ()

33 Identifying the problem is the last step in solving computer problems. ()

34 Braille helps blind students to write reports and doing homework. ()

35 You must decide to share information using intranet or internet. ()

36 QR Code is used to get information quickly and easily. ()

37 Megabits per second (Mbps) used to measure network speed. ()

38 Mr Hiebert uses face to face meeting during his expedition. ()

39 Digital Washing machine is an example is the Internet of Things. ()

40 Mr. Hiebert is an explorer in National Geographic. ()

Question 03

complete the following statements with the appropriate words in brackets :

1

(Formal - Libraries - Flash memory - virtual meeting - Router - Computer)

1. connects the computer to the Internet via Wi-Fi or Ethernet.
2. Contains printed books while Contains digital books.
3. You can use when the other people in different countries
4. helps us to store and transfer data and information.
5. You hands over document in person is communication

2

(EKB - sorting - LAN - adding - Madrasitna channel)

1. We use the formula + for process.
2. Students who would just like a quick review, use
3. The information can be arranged alphabetically by property
4. consists of one computers connected to a printer or a router.
5. is available for free to all Egyptians who register on the site.

3

(division - DSL - ISP - Router - WWW)

1. is the internet service provided by Egyptian companies to citizens .
2. is a part of Internet network, made up of web pages and sites.
3. consists of web pages linked to each other using hyperlinks.
4. enables you to connect your laptop to the internet.
5. We use the formula ÷ for process..

4

(Camera - archaeologist - Scanner - letters - spreadsheet - numbers)

1. MR Hiebert is and explorer at national geographic.
2. The rows are labeled with while the columns are labelled with
3. use to prepare graphs and tables
4. helps us to get images while help us to save it on computer .

5

(Flash Memory - HDMI - Ethernet Cable - QR Code)

1. is a wire that transmits audio and video to and from devices
2. helps us to access information by scanning it with a phone camera.
3. connects your computer or laptop to the router.
4. stores information and runs faster than a hard disk.

Question 04 choose from column (A) what suits it in column (B)

1

(A)		(B)	
1	Digital camera	a	is a quick and easy way to share information.
2	QR Code	b	takes pictures and video during video chats.
3	Scanner	c	is used to prepare graphs.
4	MS Excel	d	helps us to enter and store images into a computer

2

(A)		(B)	
1	Sort	a	A computer network between people all over the world.
2	Internet	b	is part of the Internet network , made up of web pages and sites
3	WWW	c	Can help in arranging the information alphabetically

3

(A)		(B)	
1	Router	a	is a great way to pass on knowledge and skills
2	+	b	is used to start any formula using excel.
3	Mentoring	c	is used to add two or more cells in excel.
4	=	d	Connects your computer to an ISP.

4

(A)		(B)	
1	Face to face meeting	a	is used to subtract two or more cells in excel.
2	Virtual meeting	b	is a formal way to communicate with your teamwork.
3	-	c	Mr. Hibert uses this way of communication during expedition.
4	E-mails	d	Mr. Hibert prefers this way of communication.

5

(A)		(B)	
1	Braille	a	is used to write reports and documents.
2	MS Word	b	is used to present results and information's.
3	Digital refrigerator	c	is used by blind person to read.
4	Power Point	d	is an example for IOT

6

(A)		(B)	
1	Screen Readers	a	is used to hold virtual meeting.
2	Zoom	b	is used by people of determination to write research .
3	E-Commerce	c	A computer network between some people in same work.
4	Intranet	d	is used to sell your smartphone online.

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Answers

EL MOTAMYEZ - ICT Question Bank

"ANSWERS"

Question 01 Choose the correct answer

1. is a training someone a subject you have a lot of experience in.
 (a) Communication (b) Mentoring (c) Learning
2. What is the first step that helps you to organize data in your computer?
 (a) Add subfolder (b) Type a name for the folders (c) Create the main folder
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8. is a device that Connects your computer to an ISP.
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9. If You want to sum the values in columns A, B, and C from row 4 then The formula is
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13 measures the number of cycles your CPU carries out per second

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14 consists of devices linked to the internet via Wi-Fi.

(a) CPU (b) IOT (c) DSL

15 You can contact the customer service of your ISP for help when

(a) interrupted internet connection (b) Browser running slow (c) App not opened

16 is a wire that transmits sound and image to and from devices.

(a) Ethernet cable (b) HDMI (c) Router cable

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23 When creating a formula for division uses the sign.

(a) + (b) - (c) ÷

24 folders help us to manage files using information technology.

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(a) Ethernet cable (b) Router (c) Ethernet port

30 consists of one computer connected to a printer or a router.
(a) Internet (b) Intranet (c) LAN

31 Which problem would you use Ethernet cable to solve it?
(a) Not able to store files (b) A poor video conference connection (c) Trouble processing large files

32 MR Hiebert uses to make share his discoveries with colleagues.
(a) MS Word (b) MS Excel (c) video conference

33 Mr.Hiebert prefers to communicate with others.
(a) Virtual meetings (b) TV programs (c) Face to face meeting

34 Before you express the data in a graph, you must:
(a) share it online (b) analyze it (c) delete it

35 Mr. Hiebert holds using platforms like Zoom and what's APP.
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(a) Browser (b) QR Code (c) Digital books

37 Check for software updates when
(a) there is no internet connection (b) Downloading file is very slow (c) Computer slows down when opening an app

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39 Mr. Hiebert uses MS Excel to prepare

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40 When the browser running slow, you have to

(a) Delete unwanted apps. (b) Check Wi-Fi signal (c) Turn off your computer

41 To write the word "Apple"; you need to represent it in a computer system.

(a) 5 Bit (b) 5 Byte (c) 8 Bit

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(a) Famous browser (b) Antivirus (c) Gateway for internet

45 You can use Application to buy anything on the internet.

(a) Browser (b) Braille (c) E-commerce

46 Student who need further explanation of a lesson can use

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48 To store and share information we use

(a) scanner (b) printer (c) flash memory

49 When creating a formula, use the sign for subtraction.

(a) + (b) - (c) =

50 is faster than hard disk drive and can store files.

(a) External hard disk (b) Flash memory (c) Router

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Question 02 put (√) or (×)

1. Human and organizations communicate every day using computer networks. ✓
2. The data in cells cannot be arranged alphabetically. ✗
3. Intranet is used to share information in an opened network. ✗
4. The more cycles that CPU performs, the faster data can be processed. ✓
5. We can turn on and off home appliances connected to the Internet from distance. ✓
6. Mr. Hiebert use spreadsheet program to write reports . ✗
7. We can use the digital camera to transfer and share files. ✗
8. An Ethernet cable transmits audio and video to and from devices. ✗
9. Ethernet is more stable and faster than Wi-Fi. ✓
10. The rows are labelled with numbers while the columns are labelled with letters in excel. ✓
11. To create a simple formula we select the cell and then type a ÷ sign to let Excel know that we want to create a formula. ✗
12. We use flash memory to store, transfer and share information online. ✗
13. Shutting down the router is one of the ways to solve the slow download problem. ✗
14. You can add or subtract any data using Microsoft excel. ✓
15. Mr Hiebert prefer virtual meetings for communication. ✗
16. To connect a computer to the Internet, a gateway must be used. ✓
17. Internet is more secure and private than the intranet. ✗
18. LAN is a network that connects computers from all over the world. ✗
19. If an idea you have does not solve a problem, it may contribute in solving another problem. ✓
20. The Internet is a private network that is restricted to some people. ✗

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21 Using full sentences is a good idea when searching for any topic. ✗

22 Always ask permission from your parents before buying anything online. ✓

23 Mentoring a great way to pass on information and skills . ✓

24 You can add main folder inside sub-folders to manage files. ✗

25 Using different words with same meanings is a good idea when searching for any topic. ✓

26 Breaking the topic down into smaller subtopics help you in conducting a research. ✓

27 Use documents to read results easy and clear . ✗

28 HDMI is a wire that connects a computer or laptop with the router. ✗

29 Hotspots appeared after the year 2000. ✓

30 Hotspot allows you to access the internet anywhere from your smartphone. ✓

31 Using zoom and What's App it called face to face meetings . ✗

32 Technological tools help us to manage digital files. ✓

33 Identifying the problem is the last step in solving computer problems. ✗

34 Braille helps blind students to write reports and doing homework. ✗

35 You must decide to share information using intranet or internet. ✓

36 QR Code is used to get information quickly and easily. ✓

37 Megabits per second (Mbps) used to measure network speed. ✓

38 Mr Hiebert uses face to face meeting during his expedition. ✗

39 Digital Washing machine is an example is the Internet of Things. ✓

40 Mr. Hiebert is an explorer in National Geographic. ✓

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Question 03

complete the following statements with the appropriate words in brackets :

1

(Formal - Libraries - Flash memory - virtual meeting - Router - Computer)

1. Router connects the computer to the Internet via Wi-Fi or Ethernet.
2. Libraries..... Contains printed books while Computer Contains digital books.
3. You can use virtual meeting when the other people in different countries
4. Flash memory helps us to store and transfer data and information.
5. You hands over document in person is Formal communication

2

(EKB - sorting - LAN - adding - Madrasitna channel)

1. We use the formula + for adding process.
2. Students who would just like a quick review, use Madrasitna channel
3. The information can be arranged alphabetically by sorting property
4. LAN consists of one computers connected to a printer or a router.
5. EKB is available for free to all Egyptians who register on the site.

3

(division - DSL - ISP - Router - WWW)

1. ISP is the internet service provided by Egyptian companies to citizens
2. WWW is a part of Internet network, made up of web pages and sites.
3. DSL consists of web pages linked to each other using hyperlinks.
4. Router enables you to connect your laptop to the internet.
5. We use the formula ÷ for division process..

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4

(Camera - archaeologist - Scanner - letters - spreadsheet - numbers)

1. MR Hiebert is archaeologist and explorer at national geographic.
2. The rows are labeled with numbers while the columns are labelled with letters
3. spreadsheet use to prepare graphs and tables
4. Camera helps us to get images while ... Scanner help us to save it on computer.

5

(Flash Memory - HDMI - Ethernet Cable - QR Code)

1. HDMI is a wire that transmits audio and video to and from devices
2. QR Code helps us to access information by scanning it with a phone camera.
3. Ethernet Cable connects your computer or laptop to the router.
4. Flash Memory stores information and runs faster than a hard disk.

Question 04 choose from column (A) what suits it in column (B)

1

(A)		(B)		
1	Digital camera	a	is a quick and easy way to share information.	1 - b
2	QR Code	b	takes pictures and video during video chats.	2 - a
3	Scanner	c	is used to prepare graphs.	3 - d
4	MS Excel	d	helps us to enter and store images into a computer	4 - c

2

(A)		(B)		
1	Sort	a	A computer network between people all over the world.	1 - c
2	Internet	b	is part of the Internet network , made up of web pages and sites	2 - a
3	WWW	c	Can help in arranging the information alphabetically	3 - b

3

(A)		(B)		
1	Router	a	is a great way to pass on knowledge and skills	1 - d
2	+	b	is used to start any formula using excel.	2 - c
3	Mentoring	c	is used to add two or more cells in excel.	3 - a
4	=	d	Connects your computer to an ISP.	4 - b

4

(A)		(B)		
1	Face to face meeting	a	is used to subtract two or more cells in excel.	1 - d
2	Virtual meeting	b	is a formal way to communicate with your teamwork.	2 - c
3	-	c	Mr. Hibert uses this way of communication during expedition.	3 - a
4	E-mails	d	Mr. Hibert prefers this way of communication.	4 - b

5

(A)		(B)		
1	Braille	a	is used to write reports and documents.	1 - c
2	MS Word	b	is used to present results and information's.	2 - a
3	Digital refrigerator	c	is used by blind person to read.	3 - d
4	Power Point	d	is an example for IOT	4 - b

6

(A)		(B)		
1	Screen Readers	a	is used to hold virtual meeting.	1 - b
2	Zoom	b	is used by people of determination to write research .	2 - a
3	E-Commerce	c	A computer network between some people in same work.	3 - d
4	Intranet	d	is used to sell your smartphone online.	4 - c

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October Revision

Mr. Ahmed Elbasha

(1) Choose the right answer :

1. **are groups of people, or things, that are connected to each other for a common purpose.**

a. Networks b. Technology c. Cable

2. **a way to access something.**

a. Network b. Gateway c. Cable

3. **If you do not find a** **to the computer problem, you should ask your teacher or a member of your family for help.**

a. video conferencing b. solution c. PowerPoint

4. **To change the title of a folder, choose the** **command.**

a. Rename b. New c. Save

5. **Select** **command from main menu, to create a folder.**

a. New b. Rename c. Save

6. **Store and share information with**

a. New b. folder c. Flash Memory

7. **You should** **the research topic into smaller subtopics.**

a. critically b. divide c. information

8. **The** **is very big and you must decide exactly what information you want.**

a. divide b. information c. internet

9. **that represents data in the form of a graph in different formats.**

a. Excel program b. Word program c. Paint

10. **An intranet is used to share in a** **and is more secure.**

a. Open network b. Closed network c. Online

11. **To create a simple formula in a cell, first type the** **this tells Excel you are creating a formula.**

a. sign " = " b. sign " x " c. sign " / "

Mr.Ahmed ElBasha

12. a device that connects a computer to the internet via Wi-Fi Ethernet.

a. HDMI b. Router c. Ethernet port

13. that connects wireless mobile devices over a shortrange to form a network to transition data between different devices.

a. Computer b. Networks c. Bluetooth

14. are groups of people, or things, that are connected to each other for a common purpose.

a. Computer b. Networks c. LAN

15. The first stage of problem solving is what's the issue? Is it a hardware or software problems?

a. Defining the problem b. Internet c. Router

16. Mr. Hiebert uses the program, to write reports.

a. Excel b. PowerPoint c. Word processor

17. The contains a huge amount of information.

a. data b. Internet c. School

18. is used to store files

a. Flash memory b. Router c. Scanner

19. To store and data we use

a. HDMI b. hard disk c. Router

20. We can use to learn about a lesson

a. Braille b. E-commerce c. YouTube

21. If the browser running slow, the solution is

a. Remove apps

b. Check internet connection

c. Buy another computer

22. We uses MS Word to

a. write report b. draw picture c. list music

23. Platforms like Zoom and what's APP is used to make

a. Defining the problem b. Virtual meetings c. Upload file

Mr.Ahmed ElBasha

24. to communicate with others by computer

a. Video conferencing b. Router c. Face to face Meeting

25. Dr. Fred Hiebert use in his day-to-day life

a. ICT tools b. Braille c. Remove apps

26. Dr. Hiebert uses platforms like to communicate with people

a. Zoom and WhatsApp

b. YouTube and google

c. blogs and websites

27. is a program used for writing reports

a. PowerPoint b. Excel c. Word

28. Dr. Hiebert uses Word and Excel programs to

a. Communicate formally

b. Face to face Meeting

c. Virtual meetings

29. Dr Fred Hiebert uses the to prepare and show graphs

a. Word program

b. Excel program

c. PowerPoint program

30. connect computers with each other, to share important information and data.

a. Computer networks b. Ethernet port c. Bluetooth

31. A Gigabyte = ... Megabyte

a. 1025 b. 1024 c. 1026

32. A Terabyte = ... Gigabyte.

a. 1025 b. 1024 c. 1026

33. A is the smallest unit of data.

a. Bit b. Byte c. Terabyte

34. A is the largest unit of data.

a. Bit b. Byte c. Terabyte

Mr.Ahmed ElBasha

35. WWW is short for

a. World Wide Web b. Work With World c. Way We Walk

36. is available for free to all Egyptians who register on the site.

a. Egyptian Knowledge Bank

b. Intranet

c. Bluetooth

37. The is a limited network.

a. Internet b. Intranet c. World Wide Web

38. To change the title of a folder, choose the command

a. Delete b. Rename c. Close

39. We can give a folder a name by

a. right clicking + New

b. right clicking + Rename

c. right clicking + Delete

40. The higher the number of cycles your carries out per second, the faster the computer

a. Fan b. Keyboard c. CPU

41. Dr. Hieber is an and explorer

a. Archaeologist b. Doctor c. Artist

Mr.Ahmed ElBasha

✸(2) Put (√) or (X)

1. Dr. Fred Hiebert doesn't use any ICT tools in his day-to-day life ()
2. Dr. Hiebert uses Zoom and WhatsApp to communicate with people. ()
3. PowerPoint is a program used for writing reports ()
4. Dr. Hiebert uses Word and Excel programs to communicate formally. ()
5. Dr. Hiebert guided his students and colleagues all around the world ()
6. Virtual meetings or video calls , provide effective method to mentor others. ()
7. Dr Fred Hiebert uses the Word processor program to prepare and show graphs. ()
8. Sharing information has never become vital in our day-to-day lives. ()
9. Computer networks connect computers with each other, to share important information and data. ()
10. A Gigabyte= 1024 Kilobytes. ()
11. A Terabyte = 1029 Megabyte. ()
12. A Kilobyte= 1030 Byte. ()
13. A bit is the smallest unit of data. ()
14. Gigabyte=1024 Megabyte. ()
15. There are no solutions for computer issues ()
16. Computer networks give people of determined more independence at home . ()
17. A gateway is a gate used to connect a computer to the internet. ()
18. WWW is short for World Wide Web. ()
19. A School's computer lab could have its own closed computer network. ()
20. Egyptian Knowledge Bank is available free to all Egyptians who register on site. ()
21. The internet is a limited network. ()
22. A kilobyte (KB) is equal to 1024 Megabyte. ()
23. Gigabyte (GB) is the smallest unit of data. ()
24. Kilobytes (KB): = 1024 byte. ()
25. Megabyte (MB) is largest unit of data. ()
26. Braille makes it more difficult to read for people of determination. ()

Mr.Ahmed ElBasha

27. ICT tools help people of determination do their daily tasks easily. ()

28. You can reach a lot of people using the internet ()

29. The Egyptian Knowledge Bank has a lot of interesting information. ()

30. Each file must be given a unique title. ()

31. To change the title of a folder, choose the delete command. ()

32. We cannot add sub-folder to the main folder. ()

33. To create a new folder, right click on the place where you want and select new, then select Folder. ()

34. The Internet contains a huge amount of information. ()

35. Sorting info in alphabetical order, click on Copy. ()

36. Megabits per second (Mbps) measures speed of a network or internet connection . ()

37. To change the title of a file/folder, choose the copy command. ()

38. Kilobytes (KB) = Megabyte (MB). ()

39. 1 byte = 8 bits = 1 character. ()

40. Dr. Fred Hiebert didn't use any ICT tools in his day-to-day life. ()

41. A Gigabyte= 1024 Kilobytes. ()

42. A Tera byte= 1029 Megabyte. ()

43. PowerPoint is a program used for presentations ()

44. All problems have solutions if we followed the right process ()

45. We should regularly check for software updates ()

46. We can give a folder a name by right clicking + Rename ()

47. We can't search for any needed information ()

48. We can store data using a Flash Memory ()

49. The internet contains a very small amount of information ()

50. To set a formula we can use Excel ()

51. A closed network can be used in a school computer laboratory ()

52. Dr. Fred Hiebert used ICT tools to help him write reports ()

53. Dr. Hieber is an archaeologist and explorer ()

Mr.Ahmed ElBasha

✹(3) TRY TO ANSWER:

1

Complete the following statements from the brackets:

(Technology - archaeologist - video conferencing - Word)

1. has helped to make sharing information easier task.
2. During people can see and hear one another.
3. Dr (Fred Hiebert) is an and explorer.
4. Dr (Fred Hiebert) uses the processor program to write reports.

2

Rearrange the following units of measurement:

	data units	The data units arranged
A	Gigabyte (GB)	
B	Bit	
C	Byte	
D	Kilobytes (KB)	
E	Terabyte (TB)	
F	Megabyte (MB)	

3

Complete the following statements from the brackets:

(Router - Ethernet cable - byte - three bytes)

1. The word " cat" has three letters and would need
2. is a cable that connects a computer or laptop to a router.
3. a device that connects a computer to the internet via Wi-Fi Ethernet.
4. is equals eight bits and also equals one character

Mr.Ahmed ElBasha

4

Match from (A) to the suitable answer from (B):

A	B
1. Problem: Slow to download.	**a.** Possible solutions: Shut down and restart; check for software updates; delete unwanted apps.
2. Problem: Browser running slow.	**b.** Possible solutions: Use the software to troubleshoot your Wi-Fi connection; check that the router is connected and restart it.
3. Problem: Computer slows down when opening an app.	**c.** Possible solutions: Restart computer and router; check internet speed.
4. Problem: No internet connection.	**d.** Possible solutions: Check Wi-Fi signal; make sure to update the apps on your device.

1- **2-** **3-** **4-**

5

Match from (A) to the suitable answer from (B):

A	B
1. Kilobytes (KB)	**a.** Possible solutions, restart computer and router; check internet speed.
2. A way to access something	**b.** 1024 byte
3. Consists of device 1 linked to the internet via Wi-Fi .	**c.** Gateway
4. Byte	**d.** Internet of Things
5. Problem, slow to download	**e.** 8 bits

1- **2-** **3-** **4-** **5-**

6

Match from (A) to the suitable answer from (B):

A	B
1. Bit	**a.** The largest unit of data
2. Problem: Not able to store files.	**b.** We communicate using them every day
3. consists of devices linked to the internet via Wi-Fi.	**c.** Not enough space - move old files to an external drive.
4. Terabyte (TB)	**d.** Internet of Things
5. computer networks	**e.** The smallest unit of data.

1- **2-** **3-** **4-** **5-**

Mr Ahmed ElBasha

Model Answer

(1) Choose the right answer :

1. A	8. C	15. A	22. A	29. B	36. A
2. B	9. A	16. C	23. B	30. A	37. B
3. B	10. B	17. B	24. A	31. B	38. B
4. A	11. A	18. A	25. A	32. B	39. B
5. A	12. B	19. B	26. A	33. A	40. C
6. C	13. C	20. C	27. C	34. C	41. A
7. B	14. B	21. B	28. A	35. A	

(2) Put (√) or (X)

1. (X)	10. (X)	19. (√)	28. (√)	37. (X)	46. (√)
2. (√)	11. (X)	20. (√)	29. (√)	38. (X)	47. (X)
3. (X)	12. (X)	21. (X)	30. (√)	39. (√)	48. (√)
4. (√)	13. (√)	22. (X)	31. (X)	40. (X)	49. (X)
5. (√)	14. (√)	23. (X)	32. (X)	41. (X)	50. (√)
6. (√)	15. (X)	24. (√)	33. (√)	42. (X)	51. (√)
7. (X)	16. (√)	25. (X)	34. (√)	43. (√)	52. (√)
8. (X)	17. (√)	26. (X)	35. (X)	44. (√)	53. (√)
9. (√)	18. (√)	27. (√)	36. (√)	45. (√)	

Mr.Ahmed ElBasha

✹(3) TRY TO ANSWER:

1

1. Technology
2. Video conferencing
3. Archeology
4. Word

2

1. (A - 5)
2. (B - 1)
3. (C - 2)
4. (D - 3)
5. (E - 6)
6. (F - 4)

3

1. Three bytes
2. Ethernet cable
3. Router
4. Bytes

4

1- c **2-b** **3-a** **4-d**

5

1-b **2-c** **3-d** **4-e** **5-a**

6

1- e **2-c** **3-d** **4-a** **5-b**

Mr.Ahmed ElBasha

Choose the correct answer (Lesson 1):

1- Fred Hiebert is an and explorer in National Geographic.

a. artist b. doctor c. archaeologist

2- Hiebert doesn't use any ICT tools in his day-to-day life.

a. True b. False

3- is a program used to write reports

a. MS Word b. MS Excel c. MS PowerPoint

4- is a program used to create graphs

a. MS Word b. MS Excel c. MS PowerPoint

5- is a program used to prepare presentations

MS Word b. MS Excel c. MS PowerPoint

6- Word is a program for spreadsheets.

a. True b. False

7- Printed letters and e-mails are used to communicate in a\an way.

a. Normal b. formal c:. informal

8- is training someone on a subject you have a lot of experience in.

a. Communication b. Mentoring c. Studying

9- should be easy to present the information clearly.

a. Slides b. Tables c. documents

10- Hiebert prefers to communicate with others.

a. virtual meetings b. face-to-face meetings c. TV programs

11- Hiebert holds using platforms, like Zoom and WhatsApp.

a. virtual meetings b. face-to-face meetings c. TV programs

12- Hiebert hold virtual meeting using

a. word,excel b. e-mail,powerpoint c. zoom,whatsapp

13- virtual meeting may face some problems because of.....

a. Internet connection is disconnected b. time difference between countries

c. No computers or laptops

14- Time difference between countries is a great problem during

a. face-to-face meetings b. virtual meetings c. sending e-mails

Mr. Osama Youssef

Choose the correct answer (Lesson 2):

1- is used to transfer files and data between computers

a. HDMI b. CPU c. Flash memory

2- is the same as a hard disk drive, but it runs faster

a. External hard disk b. Flash memory c. Router

3- is a device that connects a computer to the internet via Wi-Fi

a. Ethernet cable b. Router c. Ethernet port

4- is a cable that connects a computer or laptop to a router.

a. External hard drive b. Ethernet cable c. Ethernet port

5- is a cable that transmits sound and image to and from devices.

a. Ethernet cable b. HDMI c. Router cable

6- Ethernet is better than Wi-Fi connection.

a. True b. False

7- is the smallest unit of data on your computer.

a. Mbps b. byte c. bit

8- A..... measures the speed of a network or internet connection

a. Gigahertz b. Mbps c. byte

9- measures the number of cycles your CPU carries out

b. Mbps b. Gigahertz c. Gbps

10- The word "apple" represents it in a computer system

a. 5 bits b. 5 bytes c. 8 bits

11- Which problem would you use ethernet cable to solve?

a. Can't store files. b. A poor video-conference connection

c. Trouble processing large files

12- Which one represents the correct arrangement of these measuring units of a computer (from the biggest to the smallest) ?

a. Terabyte - Megabyte - Gigabyte

b. Byte - Kilobyte - Megabyte

c Megabyte - Kilobyte - Byte

Mr. Osama Youssef

Choose the correct answer (Lesson 3):

1- connect computers together to share the important information

a. Computer accessories b. Computer networks c. Computer HW

2- consists of a computer connected to a printer or a router.

a. Internet b. Intranet c. LAN

3- Router is considered a

a. famous browser b. antivirus c. gateway

4- is a network that connects computers from all around the world.

a. Internet b. Intranet c. LAN

5- is a device that connects your computer to an ISP.

a. Ethernet cable b. Router c. Ethernet port

6- is private and restricted to only those that are part of the business, school. or organization .

a. Internet b. Intranet c. LAN

7- is a part of the internet network. made up of web pages and sites .

a. Video chat b. Search engine c. World Wide Web

8- A school's computer lab is an example for.....

a. closed network b. open network c. internet

9- A gateway is a gate used to connect a computer to the internet.

a. True b. False

10- is available for free to all Egyptians registered on the site.

a. EKB b. Google Chrome c Wikipedia

11- allows the phone and the internet to be used simultaneously.

a. Dial-up internet connection b. Digital subscriber line (DSL)

c World Wide Web

12- allow you to access the internet anywhere.

a. DSL b. Wi-Fi c. hotspot

Mr. Osama Youssef

Choose the correct answer (Lesson 4):

1- Organizations use computer …… networks to share private information

a. Open b. closed c public

2- Businesses and organizations use networks every day to …… Information

a. Write b. make c. share

3- The …… consists of devices linked to the internet via Wi-Fi.

a. CPU b. IoT c. DSL

4- …… is a networking technology that connects wireless mobile devices.

a. Bluetooth b. Ethernet cable c. Router

5- Bluetooth is a networking technology that connects wireless devices over a ……

a. Short range b. long range c. both of them

6- The …… consists of household devices that are connected to Wi-Fi.

a. Bluetooth b. internet c. Internet of Things

7- Visually Impaired people can use…… for doing their homework.

a. Braille b. screen readers c. Zoom

8- Braille method allows blind people to ……

a. Write b. read c. speak

9- people of determination uses …… for audio feedback.

a. Braille b. screen readers c. WhatsApp

10- You can use…… applications to buy anything on the internet

a. Browser b. braille c e-commerce

11- Before making online shopping, you should think about …… To be safe.

a. Digital tools b. digital privacy c. money

12- ICT tools help people of determination to save ……and ……

a. Time ,money b, health, money c. listening, speaking

Mr. Osama Youssef

Answer Key

Lesson 1		Lesson 2		Lesson 3		Lesson 4	
Q	A	Q	A	Q	A	Q	A
1	c	1	c	1	b	1	b
2	b	2	a	2	c	2	c
3	a	3	b	3	c	3	b
4	b	4	b	4	a	4	a
5	c	5	b	5	b	5	a
6	b	6	a	6	b	6	c
7	b	7	c	7	c	7	b
8	b	8	b	8	a	8	b
9	a	9	b	9	a	9	b
10	b	10	b	10	a	10	c
11	a	11	b	11	b	11	b
12	c	12	c	12	c	12	a
13	b						
14	b						

Mr. Osama Youssef

Fifth grade primary – First semester
Information and communication technology
Theme (1) lessons (1–4) Review – paper (1)

(1) Q1: Hebert works as he study the past through excavations in archaeological sites

| A | anthropologist | B | ecologist | C | archaeologist |

Q2: In his daily work, Fred Hiebert uses program to write reports.

| A | word processor | B | Excel spreadsheets | C | P.P presentations |

Q3: In his daily work, Fred Hiebert uses program to prepare and show graphs.

| A | word processor | B | Excel spreadsheets | C | P.P presentations |

Q4: In his daily work, Fred Hiebert uses program to present the research results.

| A | word processor | B | Excel spreadsheets | C | P.P presentations |

Q5: Hiebert uses printed letters and..... when he wants to communicate more formally.

| A | WhatsApp | B | Email | C | Social Communication |

Q6: At times, face-to-face interviews are not possible, hold virtual meeting platforms like

| A | zoom | B | WhatsApp | C | Both of them |

Q7: website provides students with the ability to follow the videos of the various educational channels.

| A | YouTube | B | Facebook | C | EKB |

Q8:..... channel is an opportunity for students to watch the lessons whenever they choose on YouTube.

| A | Our family | B | Madrasitna | C | science friends |

(2) Q9: You can use to transfer small files between computers at high speed

| A | flash memory | B | HDMI | C | Ethernet cable |

Q10:..... is like a hard disk drive, but it works faster in transferring files.

| A | flash memory | B | External hard drive | C | Router |

Q11: You can connect your laptop to the router via cable.

| A | external hard drive | B | Ethernet | C | HDMI |

Q12: It is possible to transmit audio and video from/to devices via cable.

| A | external hard drive | B | Ethernet | C | HDMI |

Q13: connected to Ethernet cable, and it is more stable and faster than Wi-Fi

| A | Ethernet port | B | USB port | C | HD port |

Q14: You can connect your computer to the Internet via Wi-Fi or Ethernet. using

| A | flash memory | B | External hard drive | C | Router |

Q15: The smallest unit of data measurement in a computer is.....

| A | Bit | B | Byte | C | Terabyte |

Q16: One byte = ... bit

| A | 3 | B | 5 | C | 8 |

Q17: The word "cat" has three letters and would need bytes. to be stored in pc.

| A | 3 bytes | B | 6 bytes | C | 9 bytes |

Q18: Megabyte = ...

| A | 1024 bytes | B | 1024 kilobytes | C | 1024 gigabytes |

Q19: Terabyte = ...

| A | 1024 bytes | B | 1024 kilobytes | C | 1024 gigabytes |

Q20:..... measures the speed of a network or internet connection.

| A | Mbps | B | GHz | C | KB |

الممسوحة ضوئيا بـ CamScanner

Fifth grade primary – First semester
Information and communication technology
Theme (1) lessons (1–4) Review – paper (2)

Q21: measures the number of cycles your CPU carries out per second

A	Mbps	B	GHz	C	KB

Q22: if the internet connection is poor during a video conference, you should

A	Contact ISP	B	Close some programs	C	Try Ethernet connection

Q23: If your home internet connection not working, you should

A	Contact ISP	B	Close some programs	C	Try Ethernet connection

Q24: Not enough graphics storage ,may lead to a problem with

A	internet connection	B	Processing large files	C	Storing files

Q25: Transferring old files to an external drive, a Potential solution to the problem of.....

A	poor internet connection	B	Internet not working	C	Inability to store files

(3) Q26: connects Computers to each other to exchange important information and data.

A	Networks	B	HDMI	C	Flash memory

Q27: If you have one computer connected to another, or a printer, then you have

A	WAN	B	LAN	C	MAN

Q28: is a network that connects devices and people who use this network from all over the world.

A	LAN	B	Gateway	C	Internet

Q29: To connect your computer to the Internet, you need

A	Gateway (Router)	B	ISP	C	Both of them

Q30: Is part of the Internet, made up of web pages that people can navigate.

A	World Wide Web	B	intranet	C	closed network

Q31:..... is private, restricted to only those that are part of the business.

A	World Wide Web	B	intranet	C	closed network

Q32: Examples of is the network in school's computer lab to allow file sharing.

A	World Wide Web	B	intranet	C	closed network

(4) Q33: is a network technology that connects wireless mobile devices over a short range to form a network.

A	Internet of Things	B	Bluetooth	C	Screen reader

Q34: consists of devices linked to the internet via Wi-Fi. to control them

A	Internet of Things	B	Bluetooth	C	Screen reader

Q35: As Examples of the Internet of things is or the digital refrigerator that is turned on / off through applications.

A	Bluetooth speaker	B	screen reader	C	closed network

Q36: Computer networks give people of determination more

A	Difficulty	B	Laziness	C	Independence

Q37: Before any online shopping, you should think about to be safe online

A	Sharing your data	B	Digital privacy	C	E-commerce

Q38: The visually impaired use to get audio feedback and help with reading

A	Internet of Things	B	Bluetooth	C	Screen readers

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Fifth grade primary – First semester
Information and communication technology
Theme (1) lessons (1-4) Review – paper (3)

Complete the following sentences with suitable words from the brackets:

Lesson 1 Explorer in action:

(word processor – zoom – YouTube – PowerPoint – Excel Spreadsheets – E-mail)

1 – Fred Hebert uses, in his daily work, a to prepare and express graphs. (Excel)

2– In, make sure that the slides are easy to read and that the information is clear. (powepoint)

3 – You can use to communicate more formally and send important documents. (E-Mail)

4– When face-to-face interviews are not possible, hold the virtual meeting platforms like..... (Zoom).

5– There are videos for each of the school subjects and many educational channels on..... website. (YouTube)

Lesson 2 Computer accessories:

(External hard drive – Mbps – HDMI – Ethernet port – gigahertz – megabyte)

1 – Using you can transfer audio and video to / from devices. (HDMI)

2 – Provides a more stable and faster connection to the Internet than WIFI. (Ethernet port)

3– measures the speed of a network or internet connection. (Mbps)

4 –..... measures the number of cycles your CPU carries out per second (GHz)

5 –if you have a problem of not being able to store files, you should move old files to (external drive)

Lesson Three Networks:

(World Wide Web – Local Network – Intranet – Closed Network – Internet – Router)

1 – If you have a computer connected to another, or any device such as a printer, then you have (local network).

2 – is a network that connects computers and the people who use them from all over the world (Internet).

3– To connect your computer to the Internet, you need a gateway such as and an ISP (Router).

4–.....is a part of the Internet and made up of web pages that people can navigate. (World Wide Web).

5– ,unlike the Internet, is private, restricted to only those that are part of the business. (Intranet).

Lesson Four Digital Communication Tools:

(Screen readers – Internet of things – Digital privacy – Intranet – Bluetooth – Bluetooth speaker)

1– Home appliances can be part of a network by connecting them to WIFI, which is called (Internet of Things).

2–..... is an examples of the Internet of Things, which is used to listen to audio. (Bluetooth speaker).

3 – to transmit data between different devices. Over a short range, you can use technology. (Bluetooth)

4– Those with visual impairments use to get audio feedback and reading (screen readers).

5– To be safe online during e-commerce business, you should think about (digital privacy)

الممسوحة ضوئيا بـ CamScanner

Fifth grade primary – First semester
Information and communication technology
Theme (1) lessons (1-4) Review – paper (4)

Put the word (true) in front of the correct statement and the word (false) in front of the incorrect statement in the following:

	LESSON 1 EXPLORER IN ACTION	
1	Fred Hebert uses word processing software to write reports.	True
2	When making a presentation, make sure that the slides are easy to read and that the information is clear.	True
3	Fred Hebert uses PowerPoint to prepare and express graphs.	false
4	When you want to communicate officially, you should use the WhatsApp.	false
5	Mentoring is advising or training someone on a subject you have a lot of experience in.	True
6	When face-to-face meetings are not possible, we hold virtual meetings via Zoom or WhatsApp.	True
7	Notes as a word document can be attached to the e-mail message.	True
8	EKB provides video clips for each subject through educational channels.	false
9	"Madrasatna" YouTube channel provides an opportunity for students to watch lessons whenever they want.	True
	LESSON 2 Computer accessories	
10	HDMI cable connects the laptop to the router.	false
11	Wi-Fi connection is more stable and faster than the connection with Ethernet port.	false
12	An external hard drive performs the same function as a hard disk, but much faster	True
13	Flash memory enables you to transfer files between devices at high speed.	True
14	To get HD video and audio on your computer, you must use an HDMI cable.	True
15	Flash memory is a device that connects the computer to the Internet.	false
16	A terabyte is the smallest unit of data in a computer.	false
17	One gigabyte = 1024 megabytes.	True
18	the word 'cat' has three letters and would need (6) bytes.	false
19	Megabytes (MB) measures the speed of a network or internet connection.	false
20	The more cycles CPU performs per second, the faster the data is processed.	True
21	GHz measures the number of cycles your CPU carries out per second	True
22	When you have a problem in processing large files. You have to close some programs.	True
23	When you have a problem with poor wireless connection, you should contact your ISP	false
24	One of the Potential reasons for the problem of not being able to store files is that there is not enough space.	True
25	To solve the problem of not being able to store files, you must move the old files to an external drive.	True
	LESSON 3 Networks	
26	Networks are groups of people or things linked together for a common purpose.	True
27	Computer networks connect devices to each other to exchange important information and data.	True
28	If you have a computer connected to another or any device such as a printer, then have Internet.	false
29	Internet is a network that connects computers and the people who use them from all over the world.	True
30	To connect your computer to the internet you need HDMI cable.	false
31	Gateway (router) connects your computer to your INTERNET SERVICE PROVIDER.	True
32	The Internet is part of the World Wide Web (WWW).	false
33	A school's computer lab can have its own closed computer network.	True
34	Internet is private, restricted to only those that are part of the business, school, or organization.	false
	LESSON 4 Digital communication tools	
35	Internet of Things consists of devices linked to the internet via Wi-Fi. to control them.	True
36	Internet of Things allows you to control devices, just within the room, over a short range	false
37	Bluetooth is a networking technology that connects wireless mobile devices over a short range.	True
38	Computer networks give people of determination more independence.	True
39	Before sharing any of your private information online, you should first think about digital privacy	True
40	The visually impaired use Bluetooth speakers for audio feedback and reading	false

الممسوحة ضوئيا بـ CamScanner